

[SIGNAL PROCESSING CIRCUIT FOR OPTICAL DISC DRIVERS AND THE RELATED METHOD]

Abstract of Disclosure

A signal processing circuit and related method for adjusting an input signal and generating a corresponding output signal in an optical disk driver. The signal processing circuit includes an attenuator, an amplifier, a controller, and a waveform adjuster. The attenuator reduces the input signal and generates a first temporary output signal. The amplifier enlarges the input signal and generates a second temporary output signal. The controller selectively enables one of the amplifier or the attenuator according to the first and second temporary signals. The waveform adjuster receives the temporary output signals and generates the output signals.